

Appln No. 09/575,124
Amdt. Dated March 11, 2004
Response to Office action of January 15, 2004

REMARKS/ARGUMENTS

Thank you for allowing claims 62, 65 to 79 and 81 to 102.

Regarding the remaining claims, I have reviewed Hecht and must again traverse the rejection of claims in this case.

By way of introduction, Hecht discloses a particular form of Xerox Corporation's "Glyph" technology, which is concerned with encoding data into a form that can be printed onto a page for subsequent scanning and retrieval. In general, Glyph coding is designed to be scanned as an entire page, and the encoded data extracted after scanning is completed.

This particular disclosure of Glyph technology is concerned with adding some form of clocking information to the encoded data, to enable a scanning device to maintain, or re-establish, clocking during scanning. In the absence of clocking information, it is difficult to regain clocking of the coded data if it is lost.

Various embodiments of this feature are shown in Figures 2 to 9. Figure 9 is considered by Examiner to be relevant to the novelty of the present invention as defined in certain claims.

In order to simplify matters, I will focus only on the issue of interleaved symbols on the surface, since this is what I think is the most relevant novel and inventive feature defined in claim 60. The relevant portion of the claim defines:

"(b) disposing the coded data within a region on the surface in the form of a plurality of sets of symbols, each set of symbols corresponding to a one of the plurality of codewords and

wherein the step of disposing includes interleaving on the surface the symbols of each set with at least one symbol of at least another set of the plurality of sets of symbols."

In simple terms, this section of the claim requires that the coded data take the form of sets of symbols. Each set of symbols corresponds to a codeword. The symbols of each set are interleaved with at least one symbol of another set.

In contrast, Hecht does not disclose any interleaving of any form at all. The exact format of the data is not disclosed, but there is certainly nothing to suggest that the symbols are provided in sets, where the symbols from sets are interleaved with the symbols of other sets. I am unable to find this feature in the portion of the specification identified by the Examiner, nor is it anywhere else in the disclosure. Examiner is respectfully requested to

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either point out explicitly in Hecht where codeword-defining sets of symbols in which symbols from one set are interleaved with symbols of other sets are disclosed, or to withdraw the rejection.

I also take this opportunity to point out that contrary to Examiner's suggestion, Hecht does not disclose:

"coded data being comprised of a plurality of codewords and being indicative of:
a region identity associated with the region; and
a plurality of points within the region"

Should Examiner wish to maintain this rejection, I respectfully request that the codewords, the region, the region identity, and the plurality of points within the region be explicitly identified with reference to Hecht. Without this, I am denied any ability to argue Examiner's conclusion, since the case against me will not have been made out.


It is respectfully submitted that all of the Examiner's objections have been successfully traversed. Accordingly, it is submitted that the application is now in condition for allowance. Reconsideration and allowance of the application is courteously solicited.

Very respectfully,

Applicant:



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March 11, 2004

Commissioner for Patents
Washington, District of Columbia 20231
USA

Dear Sir

United States Patent Application Serial No 09/575,124
Inventor/Assignor: Kia Silverbrook and Paul Lapstun
Title: Identity-Coded Surface
Assignee: SILVERBROOK RESEARCH PTY LTD
Our Docket No: NPT003US

The status of the above application has changed from "Small Entity" to "Large Entity".

Please update your records accordingly.

Yours faithfully

Paul Lapstun

Kia Silverbrook

T H E B U S I N E S S O F I N V E N T I O N